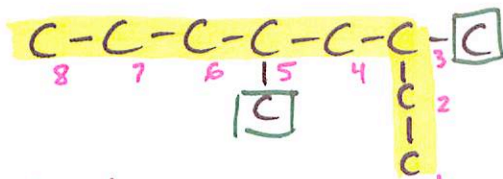


# Notes: Organics Day 2

Topic: Carbon Chains and side chains

- ① Find longest carbon chain (highlight)
- ② Start at end with closest side chain, then # carbons



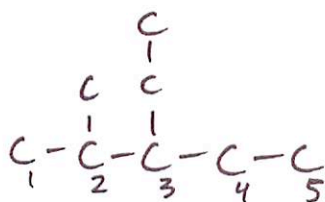
8 = octane

□ = methyl groups  
(1 Carbon side chain)

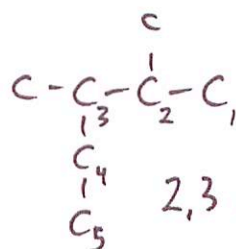
- ③ Label side chains in this order:

3-methyl, 5-methyl octane **OR** 3,5 dimethyl octane

You try:



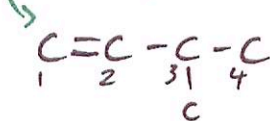
2-methyl, 3-ethyl pentane



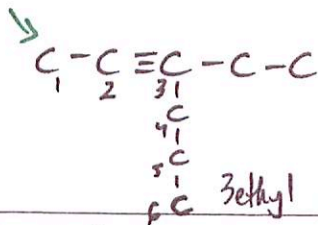
2,3 dimethyl pentane

Alkenes and Alkynes - # carbons starting closest to multiple bond (double or triple)

start here



3-methyl, 1-butene



3-ethyl 2-hexene

Grab Bag!

1,2 dimethyl cyclohexane

1,3 cyclopentene

rings!

